$$X = (x_1, \ldots, x_n); \quad Domain = \{H, M, L\} \tag{1}$$

$$P(x_1, \ldots, x_n) = \prod_{i=1}^{n} P(x_i | parent(X_i)) \tag{2}$$

$$= P(x_1)P(x_2)P(x_3|x_1)P(x_4|x_1)P(x_5|x_2, x_3, x_4) \tag{3}$$

$$scaled\_Journal_R = \frac{Journal_R}{Population_R} * 100 \tag{4}$$

$$PPP = \frac{GDP * RealExchangeRate}{Population_R} \tag{5}$$

$$\arg\max_{x_i} P(x_i | PPP, Edu) \tag{6}$$